

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A radial tire comprising a crown reinforced by a crown reinforcement comprising at least two plies of rubber reinforced by cables or wires crossed from one ply to the next and surmounted radially by a tread designed to be in contact with the ground, two beads designed to be in contact with seats of a mounting rim, each bead being extended by a sidewall comprising a radial carcass reinforcement formed of at least one ply of rubber reinforced by a plurality of cables or wires, the said carcass reinforcement extending into the crown and being anchored in each bead to at least on element that is inextensible in the circumferential direction, the said tire comprising in at least one sidewall a supplementary reinforcement ~~formed of rubber and reinforcing elements inclined relative to the circumferential direction,~~ wherein, when viewed in meridian cross-section:

- the supplementary reinforcement comprises at least two groups each formed of at least two strips that extend in the circumferential direction;
- each strip, of width L_i essentially equal to or greater than the total width L_t of the supplementary reinforcement divided by the total number of strips in the group concerned, is formed of rubber reinforced by a plurality of reinforcing elements comprised of cables or wires inclined at

an angle α between 30° and 90°, the said angle being measured on a new tire relative to the circumferential direction;

- within any one group, each circumferential strip is superimposed partially over an adjacent strip, to avoid gaps between the strips, wherein the partial overlap of a strip with an adjacent strip in the same group is at most equal to 40% of the width L_i of the strip.

2. (Currently Amended) The radial tire according to Claim 1, wherein between each group is positioned a decoupling rubber mixture whose thickness is at least equal to the average diameter of the ~~reinforcements~~ reinforcing elements in the strips ~~forming the said groups.~~

3. (Currently Amended) The radial tire according to Claim 2, wherein the tensile modulus at 10% elongation of the decoupling mixture is higher than that of ~~the a mixture coating the reinforcements of the strips~~ reinforcing elements.

4. (Currently Amended) The radial tire according to Claim 3, wherein the tensile modulus at 10% elongation of the decoupling mixture is at least 30% higher than that of the mixture coating the ~~reinforcements of the strips~~ reinforcing elements.

5. (Canceled)

6. (Currently Amended) The radial tire according to Claim 1, wherein in the tire, and from one strip to the next proceeding in the direction from the bead

towards the crown, the angle of the ~~reinforcements~~ reinforcing elements in the said strips decreases progressively.

7. (Currently Amended) The radial tire according to Claim 1, wherein in the tire, and from one strip to the next proceeding in the direction from the bead towards the crown, the angle of the ~~reinforcement~~ reinforcing elements in the said strips increases progressively.

8. (Currently Amended) The radial tire according to Claim 1, wherein ~~each group in the supplementary sidewall reinforcement comprises strips formed of~~ the cables or wires are inclined in the same direction relative to a radial plane, the groups of the supplementary reinforcement having their reinforcing elements crossed from one group to the next.

9. (Currently Amended) The radial tire according to Claim 1, wherein within a given group the angle of inclination of the ~~reinforcements~~ reinforcing elements in a strip is of opposite sign to the angle of inclination of the ~~reinforcements~~ reinforcing elements in its neighboring strips.

10. (Currently Amended) The radial tire according to Claim 1, wherein the ~~reinforcements~~ reinforcing elements of the strips are of textile nature and are positioned in each strip by means of a back and forth positioning process between a lateral edge of the said strip and the opposite lateral edge, at an average angle α between 30° and 90°.

11. (Currently Amended) The radial tire according to Claim ~~4~~ or according to Claim 10, wherein at least one ~~group~~ of the groups is formed from a single continuous strip wound in several turns.

12. (Currently Amended) The radial tire according to Claim ~~4~~ 1 wherein at least one ~~group~~ of the groups is formed from a single continuous strip wound in several turns.

13. (Currently Amended) The radial tire according to Claim ~~4~~ 12, wherein the supplementary reinforcement is arranged radially on the inside of the carcass reinforcement in the at least one sidewall, and a layer of rubber mixture separates the said carcass reinforcement from the said supplementary reinforcement, the said rubber mixture having a modulus at 10% elongation that is lower than the modulus at 10% elongation of ~~the~~ a rubber mixture of the carcass reinforcement.

14. (Currently Amended) The radial tire according to Claim 12, wherein the supplementary reinforcement is arranged radially on the inside of the carcass reinforcement in at least one sidewall, and a layer of rubber mixture separates the said carcass reinforcement from the said supplementary reinforcement, the said rubber mixture having a modulus at 10% elongation that is lower than the modulus at 10% elongation of the rubber mixture of the carcass reinforcement.

15. (New) The radial tire according to Claim 1, wherein the supplementary reinforcement is located on opposite radial sides of a point P of the tire, which point constitutes an axially outermost point of the respective sidewall.

16. (New) A radial tire comprising a crown reinforced by a crown reinforcement comprising at least two plies of rubber reinforced by cables or wires crossed from one ply to the next and surmounted radially by a tread designed to be in contact with the ground, two beads designed to be in contact with seats of a mounting rim, each bead being extended by a sidewall comprising a radial carcass reinforcement formed of at least one ply of rubber reinforced by a plurality of cables or wires, the said carcass reinforcement extending into the crown and being anchored in each bead to at least on element that is inextensible in the circumferential direction, the said tire comprising in at least one sidewall a supplementary reinforcement, wherein, when viewed in meridian cross-section:

- the supplementary reinforcement comprises at least one continuous strip wound in a plurality of turns, wherein successive turns are in partial superimposed relationship to avoid gaps between the turns;
- the at least one strip formed of rubber reinforced by a plurality of cables or wires inclined at an angle α between 30° and 90° , the angle being measured on a new tire relative to the circumferential direction.

17. (New) The radial tire according to Claim 16, wherein the partial overlap of a turn with an adjacent turn is at most equal to 40% of the width L_i of the turn.

18. (New) The radial tire according to Claim 16, wherein the supplementary reinforcement is arranged radially on the inside of the carcass reinforcement in the at least one sidewall, and a layer of rubber mixture separates the carcass reinforcement from the supplementary reinforcement, the rubber mixture having a modulus at 10% elongation that is lower than the modulus at 10% elongation of a rubber mixture of the carcass reinforcement.

19. (New) The radial tire according to Claim 16, wherein the supplementary reinforcement is located on opposite radial sides of a point P of the tire, which point constitutes an axially outermost point of the respective sidewall.

20. (New) A radial tire comprising a crown reinforced by a crown reinforcement comprising at least two plies of rubber reinforced by cables or wires crossed from one ply to the next and surmounted radially by a tread designed to be in contact with the ground, two beads designed to be in contact with seats of a mounting rim, each bead being extended by a sidewall comprising a radial carcass reinforcement formed of at least one ply of rubber reinforced by a plurality of cables or wires, the said carcass reinforcement extending into the crown and being anchored in each bead to at least on element that is inextensible in the circumferential direction, the said tire comprising in at least one sidewall a supplementary reinforcement, wherein, when viewed in meridian cross-section:

- the supplementary reinforcement comprises at least two groups each formed of at least two strips that extend in the circumferential direction;

- each strip, of width L_i essentially equal to or greater than the total width L_t of the supplementary reinforcement divided by the total number of strips in the group concerned, is formed of rubber reinforced by a plurality of cables or wires inclined at an angle α between 30° and 90° , the angle being measured on a new tire relative to the circumferential direction;
- within any one group, each circumferential strip is superimposed partially over an adjacent strip, to avoid gaps between the strips;
- the supplementary reinforcement is arranged radially on the inside of the carcass reinforcement in the at least one sidewall, and a layer of rubber mixture separates the carcass reinforcement from the supplementary reinforcement, the rubber mixture having a modulus at 10% elongation that is lower than the modulus at 10% elongation of a rubber mixture of the carcass reinforcement.

21. (New) The radial tire according to Claim 20, wherein the supplementary reinforcement is located on opposite radial sides of a point P of the tire, which point constitutes an axially outermost point of the respective sidewall.